

FABIAN ARMANDO MICHELANGELI

Institute of Systematic Botany
The New York Botanical Garden
2900 Southern Blvd.
Bronx, NY 10458-5126
(updated September 2013)

e-mail: fabian@nybg.org

Phone: (718) 817-8199

Fax: (718) 817-8101

Webpage: http://www.nybg.org/science/scientist_profile.php?id_scientist=14

EDUCATION

Ph. D. L. H. Bailey Hortorium. Cornell University. January 2000. Dissertation Title: Evolution, Ecology and Systematics of the myrmecophytic genus *Tococa* Aublet (Melastomataceae). Advisor: Eloy Rodriguez. Co-Advisor: Melissa Luckow.

Licenciado en Biología, *Magna cum laude*, Mención Ecología (Bachelor in Biology, *Magna cum laude*, Minor: Ecology). Universidad Central de Venezuela, December 1993. Thesis: Algunos Aspectos Ecológicos de un Litobioma del Roraima Tepuy (Some Ecological Aspects of the lithobiomes of the Roraima Tepuy). Advisor: Luís Bulla.

WORK AND RESEARCH EXPERIENCE

October 2010-to present. Associate Curator. Institute of Systematic Botany, The New York Botanical Garden.

June 2004-October 2010. Assistant Curator. Institute of Systematic Botany, The New York Botanical Garden.

September 2002 to June 2004. Research Associate, Cullman Program for Molecular Systematic Studies, The New York Botanical Garden.

August 2000 to August 2002. Cullman Postdoctoral Fellow, Department of Ornithology, American Museum of Natural History.

February 2000-July 2000. Postdoctoral Associate, L.H. Bailey Hortorium, Department of Plant Biology, Cornell University.

January 1996-August 1997. Research Assistant. Laboratory of Phytochemistry and Plant-Animal Interactions, L.H. Bailey Hortorium. Cornell University. Instructor for the MIRT-NIH program.

September 1994-December 1994. Research Assistant. Laboratory of Phytochemistry and Plant-Animal Interactions (Dr. Eloy Rodriguez), L.H. Bailey Hortorium. Cornell University.

February 1994-July 1994. High School Teacher (senior Biology). Colegio Emil Friedman, Caracas, Venezuela.

March 1993-October 1993. Researcher, Spectacled Bear Project. Provita, Caracas, Venezuela.

October 1992-July 1993. Proposal for a Tourist Trail in the summit of Roraima Tepuy, Canaima National Park, Venezuela. Work sponsored by the Terramar Foundation, for INPARQUES (Venezuelan National Institute of Parks). Co-authored with Francisco F. Herrera.

August 1991-September 1991. Laboratory Internship in the Toxicology and Phytochemistry Laboratory, University of California Irvine.

ADJUNT AND AD-HONOREM POSITIONS

City University of New York, Graduate Center. Doctoral Faculty. 2005-Present

Yale University, School of Forestry and Environmental Studies. Adjunct Assistant Professor. 2006-Present

OTHER ACTIVITIES

Brittonia, Associate Editor. October 2004 – December 2012.

Organization of Flora Neotropica, Commission Member. 2006-Present.

Scientific Advisor and On-Screen Scientist for the IMAX documentary “Lost Worlds. Life in the Balance”. Directed by Bayley Silleck. Produced by Primesco Productions (Montreal, QC). January 2000- May 2001.

Student representative to the council of the School of Biology. Universidad Central de Venezuela. January 1992-February 1994.

Student representative to the Curricular Commission, School of Biology, Universidad Central de Venezuela. October 1991- December 1993.

Member of the Board, Provita, Caracas, Venezuela (Provita is a Venezuelan NGO devoted to wildlife conservation, education and research). March 1991-March 1993.

GRANTS, FELLOWSHIPS, AND AWARDS

National Science Foundation (1343612). “Dimensions US-BIOTA-Sao Paulo: A multidisciplinary framework for biodiversity prediction in the Brazilian Atlantic forest hotspot”. Collaborative proposal with Ana. C. Carnaval (City College of New York) as lead PI and Michael. J. Hickerson, Kyle McDonald and W. Wayt Thomas as Co-PIs. September 2013-August 2018.

National Science Foundation (DEB-1140409), “Assessing phylogeny and biogeography in a megadiverse tropical plant family (Melastomataceae)”. Collaborative proposal with Darin S. Penneys (California Academy of Sciences) as PI, Frank Almeda and Peter Fritsch as co-PIs. June 2012-May 2015.

National Science Foundation (DEB-0818399), “PBI: A complete web-based monograph of the tribe Miconieae (Melastomataceae)”. Collaborative proposal with Frank Almeda (California Academy of Sciences), Walter Judd (University of Florida), Renato Goldenberg (Universidade Federal de Paraná), and Melissa Tulig (NYBG) as co-PIs. April 2009-March 2014

ECAT-GBIF, “MeList, a complete taxonomy of Melastomataceae sensu lato (Myrtales, eurosids, flowering plants) for the Electronic Catalogue of Names of Known Organisms”. Collaborative proposal with S. S. Renner (Munich Herbarium), F. Almeda (California Academy of Sciences), C. Ulloa (Missouri Botanical Garden), R. Goldenberg (Universidade Federal de Parana, Brazil) & H. Mendoza-Cifuentes (Instituto Humboldt, Colombia). March 2006-March 2007.

National Science Foundation (DEB-0515665), “A phylogenetic analysis of Miconieae (Melastomataceae) based on molecular and morphological characters”. Collaborative proposal with Walter Judd (University of Florida) and Renato Goldenberg (Universidade Federal de Parana) as co-PIs. August 2005-July 2009.

Cullman Postdoctoral Fellowship for Animal-Plant interaction Studies. August 2000-August 2002.

Lewis B. and Dorothy Cullman Program for Molecular Systematic Studies, AMNH-NYBG Cornell University Graduate School Travel Grant. August, 1999.

American Society for Plant Taxonomists Graduate Research Award. May, 1998

Agricultural Experiment Station. College of Agriculture and Life Sciences. Cornell University.
May, 1998. A.W. Mellon Student Research Grant.
L. H. Bailey Hortorium Moore/Mellon Foundation travel grant for field research in Venezuela.
Summer 1997, winter 1997, summer 1996
Graduate Teaching Assistant award. College of Agriculture and Life Sciences. Cornell University.
May 1996
Terramar Foundation Fellowship for undergraduate research. Oct 1992 - July 1993

TEACHING EXPERIENCE

Tropical Field Botany. (F&ES 30010). School of Forestry and Environmental Studies, Yale University. Spring 2013, 2011, 2010, 2008, 2006.
Vascular Plant Taxonomy, The Graduate Center, City University of New York. Fall 2009, 2007.
Guest Lecturer, Course OTS-2007-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June 2007.
Guest Lecturer, Course OTS-2006-9. Tropical Plant Systematics (English), Organization for Tropical Studies, Costa Rica. July 2006.
Plant Systematics. Graduate Center, City University of New York. Fall 2005. (coordinated by Larry Kelly).
Coordinator Course OTS-2005-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June-July 2005.
Current Topics in Plant Systematics. Graduate Center, City University of New York. Spring 2005. (coordinated by Larry Kelly).
Tropical Field Botany (5 lectures and leader of a 11 day field trip to Costa Rica) . Yale University. Coordinated by Andrew Henderson Spring 2004.
Co-coordinator Course OTS-2003-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. June-July 2003.
Guest Lecturer, Course OTS-2002-9. Tropical Plant Systematics (English), Organization for Tropical Studies, Costa Rica. June 2002.
Guest Lecturer, Course OTS-2001-18. Tropical Plant Systematics (Spanish), Organization for Tropical Studies, Costa Rica. July 2001.
Teaching Assistant. Biogeography (BioPl 453). Cornell University. Fall 1999.
Teaching Assistant, Diversity of Life. (BioG 202). Cornell University. Fall 1998.
Teaching Assistant, Introductory Biology (104). Cornell University. Spring 1998.
Teaching Assistant, Introductory Biology (103). Cornell University. Fall 1997.
Instructor, MIRT-NIH-Cornell University Program. January 1997-August 1997.
Instructor, MIRT-NIH-Cornell University program. January 1996-August 1996.
Teaching Assistant, Tropical Plant Families. Cornell University. Fall 1995-Winter 1996.
Teaching Assistant, Plants and Civilization. Cornell University. Spring 1995.
High School Instructor (Biology for High School Seniors). Colegio Emil Friedman, Caracas. Feb-July 1994.
Teaching Assistant, Quantitative Ecology. U.C.V. March 1993-September 1993
Teaching Assistant, Evolution. U.C.V. September 1992-March 1993
Teaching Assistant, Sedimentology. U.C.V. March 1992-September 1992
Teaching Assistant, Genetics (laboratory). U.C.V. September 1991-March 1992

Teaching Assistant, Plant Ecology (laboratory). U.C.V. March 1991-September 1991
Teaching Assistant, Physical Chemistry. U.C.V. September 1990- March 1991
Teaching Assistant, Biostatistics. U.C.V. March 1990-September 1990

PEER REVIEWED PUBLICATIONS

- Michelangeli, F. A.** 2013. Taxonomic notes on Myrmecophytic Melastomataceae: a new species, two new synonyms, and an old species reconsidered. *Brittonia*: 1-7. DOI: 10.1007/s12228-013-9317-x. [published online September 10, 2013].
- Michelangeli, F. A.** & R. Goldenberg. 2013. A new species of *Graffenrieda* (Melastomataceae) from the northern Amazon basin. *Brittonia*: 1-4. DOI: 10.1007/s12228-013-9321-1. [published online September 10, 2013].
- Burke, J. M & **F. A. Michelangeli**. 2013. Lectotypification of Peruvian Melastomataceae described by Cogniaux from Weberbauer collections. *Phytotaxa*.125: 10-16. DOI: 10.11646/phytotaxa.125.1.2 7.
- Burke, J. M. & **F. A. Michelangeli**. 2013. *Miconia galeiformis* and *Miconia neei* (Miconieae: Melastomataceae), two new species from Bolivia. *Brittonia* 65: 171-180. DOI: 10.1007/s12228-012-9278-5
- Goldenberg, R., F Almeda, M. K. Caddah, A. B. Martins, J. Meirelles, **F. A. Michelangeli**, M. Weiss. 2013. Nomenclator botanicus for the neotropical genus *Miconia* (Melastomataceae, Miconieae). *Phytotaxa* 106: 1-171. DOI: 10.11646/phytotaxa.106.1.1
- Michelangeli, F. A.** & W. Meier. 2013. A new anisophyllous species of *Miconia* (Melastomataceae) from the Coastal Cordillera in northern Venezuela. *Phytotaxa*: 79: 37-44. DOI: 10.11646/phytotaxa.79.1.3
- Michelangeli, F. A.** & C. Ulloa Ulloa. 2013. A new species of *Graffenrieda* (Melastomataceae) from the Andes in Southern Ecuador. *Phytotaxa* 77: 43-48. DOI: 10.11646/phytotaxa.77.3.2
- Michelangeli, F. A.**, P. J. F. Guimaraes, D. S. Penneys, F. Almeda & R. Kriebel. 2013. Phylogenetic relationships and distribution of New World Melastomeae (Melastomataceae). *Botanical Journal of the Linnean Society* 171: 38-60. DOI: 10.1111/j.1095-8339.2012.01295.x.
- Goldenberg, R., C. N. de Fraga, A. P. Fontana, A. N. Nicolas & **F. A. Michelangeli**. 2012. Taxonomy and Phylogeny of *Merianthera* (Melastomataceae). *Taxon*: 61: 1040-1056.
- Michelangeli, F. A.** & R. Goldenberg. 2012. New names and synonyms in *Miconia* (Melastomataceae: Miconieae). *Phytotaxa* 52: 29-32.
- Kaehler, M., **F. A. Michelangeli** & L. G. Lohmann. 2012. Phylogeny of *Lundia* (Bignoniaceae) based on molecular and morphological characters. *Taxon* 61: 368-380.
- Thomas, W. W., R. C. Forzza, **F. A. Michelangeli**, A. M. Giulietti-Harley & P M. Leitman. 2012. Large-scale Monographs and Floras – the Sum of Local Floristic Research. *Plant Ecology and Diversity* 5: 217-223. DOI:10.1080/17550874.2011.622306.
- Trusty, J. L., A. Tye, T. M. Collins, **F. A. Michelangeli**, P. Madriz & J. Francisco-Ortega. 2012. Galápagos and Cocos Islands: so close and so distant. *International Journal of Plant Sciences*: 173: 36-53.
- Bécquer-Granados, E. R. & **F. A. Michelangeli**. 2011. *Miconia walterjuddii* (Miconieae: Melastomataceae), a new species from Cuba. *Brittonia* 63: 425-429. DOI 10.1007/s12228-011-9204-2

- Michelangeli, F. A.**, A. Nicolas, M. E. Morales-P & H. David. 2011. Phylogenetic relationships of *Allomaieta*, *Alloneuron*, *Cyphostyla* and *Wurdastom* (Melastomataceae), and the resurrection of the tribe Cyphostyleae. *International Journal of Plant Sciences* 172: 1165-1178.
- Goldenberg, R., M. K. Caddah & **F. A. Michelangeli**. 2011. A new species of *Miconia* (Melastomataceae) from Amazonas, Brazil. *Brittonia* 63: 245-249. DOI: 10.1007/s12228-010-9157-x
- Penneys, D. S., **F. A. Michelangeli**, W. S. Judd, & F. Almeda. 2010. Henrietteae (Melastomataceae): A new Neotropical berry-fruited tribe. *Systematic Botany* 35: 783-800. DOI: 10.1600/036364410X539862.
- Michelangeli, F. A.** 2010. An annotated list and key of Neotropical Myrmecophyllous Melastomataceae. *Proceedings of the California Academy of Sciences. Series 4.* 61 (9): 409-449.
- Reginato, M., **F. A. Michelangeli** & R. Goldenberg. 2010. Phylogeny of *Pleiochiton* A. Gray (Melastomataceae, Miconieae): Total evidence. *Botanical Journal of the Linnean Society.* 162: 423-434
- Amorim, A. A., R. Goldenberg & **F. A. Michelangeli**. 2009. A new species of *Physeterostemon* (Melastomataceae) from Bahia, Brazil, with notes on the phylogeny the genus. *Systematic Botany* 34: 324-329.
- Martin, C. V. & **F. A. Michelangeli**. 2009. Comparative seed morphology of *Leandra* (Miconieae, Melastomataceae). *Brittonia* 61: 175-188. DOI: 10.1007/s12228-008-9060-x
- Galarda Varassin I., D. S. Penneys & **F. A. Michelangeli**. 2008. Comparative anatomy and morphology of nectar-producing Melastomataceae. *Annals of Botany* 102: 899-909. DOI: 10.1093/aob/mcn180.
- Goldenberg, R., D. S. Penneys, F. Almeda, W. S. Judd & **F.A. Michelangeli**. 2008. Phylogeny of *Miconia* (Melastomataceae): initial insights into broad patterns of diversification in a megadiverse neotropical genus. *International Journal of Plant Sciences* 169: 963-979. DOI: 10.1086/589697.
- Judd, W. S., J. D. Skee Jr., D. S. Penneys & **F. A. Michelangeli**. 2008. A new species of *Henriettea* (Melastomataceae) from the Sierra de Baoruco, the Dominican Republic. *Brittonia* 60: 217-227. DOI: 10.1007/s12228-008-9021-4.
- Morales-Puentes, M.E., **F. A. Michelangeli** & F. González. 2008. Una nueva especie de *Miconia* (Melastomataceae: Miconieae) de Colombia. *Brittonia* 60: 228-234. DOI: 10.1007/s12228-008-9015-2.
- Michelangeli, F. A.**, W. S. Judd, D. S. Penneys, J. D. Skee, Jr., E. R. Becquer, R. Goldenberg & C. V. Martin. 2008. Multiple events of dispersal and radiation of the tribe Miconieae (Melastomataceae) in the Caribbean. *Botanical Review* 74: 53-77. DOI: 10.1007/s12229-008-9004-x.
- Bécquer-Granados, E. R., K. M. Neubig, W. S. Judd, **F. A. Michelangeli**, J. R. Abbott & D. S. Penneys. 2008. Preliminary molecular phylogenetic studies in *Pachyanthus* (Miconieae, Melastomataceae). *Botanical Review*: 74: 37-52. DOI: 10.1007/s12229-008-9010-z.
- Martin, C. V., D. Little, R. Goldenberg & **F. A. Michelangeli**. 2008. A phylogenetic evaluation of *Leandra* (Miconieae, Melastomataceae): a polyphyletic genus where the seeds tell the story, not the petals. *Cladistics* 24: 317-327.
- Davis, J.I., G. Petersen, O. Seberg, D.W. Stevenson, C.R. Hardy, M.P. Simmons, **F.A. Michelangeli**, D.H. Goldman, L.M. Campbell, C.D. Specht, & J.I. Cohen. 2006. Are

- mitochondrial genes useful for the analysis of monocot relationships? *Taxon* 55: 857-870.
- Petersen, G., O. Seberg, J. I. Davis, D. H. Goldman, D. W. Stevenson, L. M. Campbell, **F. A. Michelangeli**, C. D. Specht, M. W. Chase, M. F. Fay, J. C. Pires, J. V. Freudenstein, C. R. Hardy, & M. P. Simmons. 2006. Mitochondrial DNA in Monocot Phylogeny. Pp 52-62. *In*: T Columbus, E. A. Friar, J. M. Porter, L. M. Prince & M. G. Simpson [eds.] *Monocots: Comparative Biology and Evolution (excluding Poales)*. Rancho Santa Ana Botanical Gardens, Claremont, California, USA.
- Michelangeli, F. A.** 2006. Two new species of myrmecophytic *Tococa* (Melastomataceae) with unusually large floral bracts. *Brittonia* 58 (2): 151-155. DOI: 10.1663/0007-196X(2006)58[151:TNSOMT]2.0.CO;2
- Michelangeli, F. A.** 2005. *Tococa* (Melastomataceae). *Flora Neotropica Monographs* 98: 1-114.
- Michelangeli, F. A.** & E. Rodriguez. 2005. Absence of cyanogenic glycosides in the tribe Miconieae (Melastomataceae). *Biochemical Systematics and Ecology* 33 (4): 335-339. DOI: 10.1016/j.bse.2004.11.008.
- Davis, J. I., D. W. Stevenson, G. Petersen, O. Seberg, L. M. Campbell, J. V. Freudenstein, D. H. Goldman, C. R. Hardy, **F. A. Michelangeli**, M. P. Simmons, C. D. Specht, F. Vergara-Silva, & M. A. Gandolfo. 2004. A phylogeny of the monocots, as inferred from *rbcL* and *atpA* sequence variation, and a comparison of methods for calculating jackknife and bootstrap values. *Systematic Botany* 29: 467-510. DOI: 10.1600/0363644041744365.
- Michelangeli, F. A.**, D. S. Penneys, J. Giza, D. Soltis, M. H. Hills & J. D. Skeeve Jr. 2004. A preliminary phylogeny of the tribe Miconieae (Melastomataceae) based on nrITS sequence data and its implications on inflorescence position. *Taxon* 53 (2):279-290. DOI: 10.2307/4135608.
- Michelangeli, F. A.**, J. Francisco-Ortega, D. González, A. Jaramillo, E. Ruiz, E. Santiago & A. P. Vovides. 2004. Plant Molecular systematics in Latin America. Status, realities, and perspectives. *Taxon* 53 (2): 265-268. DOI: 10.2307/4135606.
- Michelangeli, F. A.** 2003. Ant protection against herbivory in tree species of *Tococa* (Melastomataceae) occupying different environments. *Biotropica* 35 (2): 181-188.
- Michelangeli, F. A.**, J. I. Davis & D. Wm. Stevenson. 2003. Phylogenetic relationships among Poales and related families as inferred from morphology, inversions in the plastid genome and sequence data from the mitochondrial and plastid genomes. *American Journal of Botany* 90 (1):93-106. doi:10.3732/ajb.90.1.93.
- Michelangeli, F. A.** 2001. Lectotypification of some species of *Tococa* (Melastomataceae). *Novon* 11 (1): 76-78.
- Michelangeli, F. A.** 2000. A cladistic analysis of the genus *Tococa* (Melastomataceae) based on morphological data. *Systematic Botany* 25 (2): 211-234.
- Michelangeli, F. A.** 2000. Species composition and Species-Area Relationships in Vegetation Islands of the Roraima Tepui. *Journal of Tropical Ecology* 16 (1): 69-82.
- Herrera, A.M., **F. Michelangeli**, J. Nassar, J.P. Rodriguez & D. Torres. 1992. The Spectacled Bear of the Sierra Nevada National Park, Venezuela. *in*: The 1991 International Studbook for the Spectacled Bear. Lincoln Park Zoological Gardens, Chicago. pp. 61-81.

Non-peer reviewed publications (floras, checklists, general public, etc)

- Michelangeli, F. A.** & E. R. Becquer-Granados. 2012. Melastomataceae. Pp.531-562. *In*: P. Acevedo-Rodriguez & M. T. Strong. (eds.). Catalogue of Seed Plants of the West Indies. Smithsonian Contributions to Botany 98.
- Michelangeli, F.A.** 2011. *Tococa* (Melastomataceae) Pp. 624-625. *In*: A. Idárraga, R. del C. Ortiz, R. Callejas & M. Merello (eds.). Flora de Antioquia: catálogo de las plantas vasculares. vol. II. Listado de las plantas vasculares del departamento de Antioquia. Programa Expedición Antioquia-2103. Series Biodiversidad y Recursos Naturales. Universidad de Antioquia, Missouri Botanical Garden & Oficina de planeación departamental de la gobernación de Antioquia, Editorial D'Vinni, Bogotá, Colombia.
- Michelangeli, F.A.**, & M. Reginato. 2010. *Clidemia* (Melastomataceae). Pp. 1240-1242. *In*: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F.A.** 2010. *Maieta* (Melastomataceae) Pp. 1253. *In*: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F.A.** 2010. *Tococa* (Melastomataceae) Pp. 1277. *In*: Forza, R. et al.(eds). Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro.
- Michelangeli, F. A.** & R. Goldenberg 2008 [2009]. Melastomataceae. Pp 255-260. *In*: D. C. Daly, M. Silveira, & collaborators. First Catalogue of the Flora of Acre, Brazil/Primeiro Catálogo da Flora do Acre, Brasil. PRINTAC/EDUFAC, Rio Branco.
- Michelangeli, F. A.** & E. Cotton. 2008. Melastomataceae. pp 466-484 *In*: Hokche, R., P. E. Berry & O. Huber (eds.) Nuevo Catalogo de la Flora Vasculare de Venezuela. Fundación Instituto Botánico de Venezuela Dr. Tobías Lasser, Caracas.
- Cotton, E. & **F. A. Michelangeli.** 2007. Melastomataceae. pp 559-571. *In*: Duno de Stefano, R., G. Aymard & O. Huber(eds.) Catálogo Anotado e Ilustrado de la Flora Vasculare de los Llanos de Venezuela. FUDENA. Caracas, Venezuela.
- Almeda, F., P.E. Berry, A. Freire-Fierro, A. Gröger, B.K. Holst, N.G. Luckana, **F.A. Michelangeli**, T. Morley, D. Penney, S.S. Renner, O.R. Robinson, J.J. Wurdack† & K. Yatskievych. 2007. Melastomataceae, pp. 397-417. *In* V. Funk, T. Hollowell, P. Berry, C. Kelloff and S.N. Alexander. Checklist of the Plants of the Guiana Shield (Venezuela: Amazonas, Bolivar, Delta Amacuro; Guyana, Surinam, French Guiana). Contrib. U.S. Natl. Herb. Washington, DC.
- Michelangeli, F. A.** 2005. Ecología Vegetal de los Tepuyes. *in*: Michelangeli, A. (editor). Tepuy: Colosos de la Tierra. pp. 141-153. Altolitho, Caracas, Venezuela.
- Michelangeli, F. A.** 2001. *Tococa*. *In* Melastomataceae. Berry, P. E ., Holst, B. K., & Yatskievych, K. Flora of the Venezuelan Guayana. Vol 6. Missouri Botanical Garden.

BOOK REVIEWS AND OTHER PUBLICATIONS

- Ambrose, B. A., K. G. Karol, L. M. Kelly & **F. A. Michelangeli.** 2012. Foreword: A Festschrift on the occasion of Dennis Wm. Stevenson's 70th birthday. Botanical Review 79: 307-309.
- Michelangeli, F. A.** 2008. Cataloguing the Endemic Flora of Peru. *El Libro Rojo de las Plantas Endémicas del Perú*. León, B., J. Roque, C. U. Ulloa, N Pitman, P. M. Jørgensen, and A. Cano, editors. *Revista Peruana de Biología. Número Especial. Universidad Nacional Mayor de San Marcos, Facultad de Ciencias Biológicas. Lima, Perú.* 971 pp. Conservation Biology 22: 502-503.

- Michelangeli, F. A.** 2006. *Agustín Rudas Lleras & Adriana Prieto Cruz. 2005. Flórula del Parque Nacional Natural Amacayacu, Amazonas, Colombia. Monographs in Systematic Botany from the Missouri Botanical Garden* 99. *Brittonia* 58 (1): 90-91.
- Michelangeli, F. A.** 2005. *Thomas van der Hammen & Alice G. dos Santos, editors. 2003. La Cordillera Central Colombiana, Transecto Parque Los Nevados (Ultima parte). Studies on Tropical Andean Ecosystems* 5. *Brittonia* 57 (3): 296-297. DOI: 10.1663/0007-196X(2005)057[0295:BR]2.0.CO;2
- Michelangeli, F. A.** 2004. *Keller, Roland. 2003. Identification of Tropical Woody Plants in the Absence of Flowers: A Field Guide (2nd ed).* *Plant Science Bulletin* 50(3): 94-95

ELECTRONIC MEDIA

- Renner S.S. (lead editor), Triebel D. (information technology), Almeda F., Goldenberg R., Mendoza Cifuentes H., **Michelangeli F.A.**, Penneys D., Stone D., Ulloa C. 2012. MELnet: Melastomataceae.Net (version 1.0, May 2011). In: *Species 2000 & ITIS Catalogue of Life*, 30th April 2012 (Bisby F., Roskov Y., Culham A., Orrell T., Nicolson D., Paglinawan L., Bailly N., Appeltans W., Kirk P., Bourgoin T., Baillargeon G., Ouvrard D., eds). Digital resource at www.catalogueoflife.org/col/. *Species 2000*: Reading, UK.
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, & M. Tulig (2009 and ongoing). PBI Miconieae: A complete web-based monograph of the tribe Miconieae (Melastomataceae). <http://sweetgum.nybg.org/melastomataceae>
- Michelangeli, F.A.** & M. Reginato. 2010. *Clidemia* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro. (<http://floradobrasil.jbrj.gov.br/2010/FB009442>).
- Michelangeli, F.A.** 2010. *Maieta* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro. (<http://floradobrasil.jbrj.gov.br/2010/FB023704>).
- Michelangeli, F.A.** 2010. *Tococa* (Melastomataceae) in Lista de Espécies da Flora do Brasil. Jardim Botânico do Rio de Janeiro. (<http://floradobrasil.jbrj.gov.br/2010/FB019732>).

Ongoing contributions to :

- Michelangeli, F. A.** & E. R. Becquer-Granados (2007 and ongoing). Melastomataceae. In: P. Acevedo-Rodriguez & M. T. Strong. (eds.). *Catalogue of Seed Plants of the West Indies*. <http://botany.si.edu/Antilles/WestIndies/>
- Renner, S. S., F. Almeda, C. Ulloa, **F. A. Michelangeli** & R. Goldenberg (2006 and ongoing) MelList, a complete taxonomy of Melastomataceae sensu lato (Myrtales, eurosids, flowering plants) for the Electronic Catalogue of Names of Known Organisms". <http://www.melastomataceae.net>

ABSTRACTS PUBLISHED & PRESENTATIONS IN CONGRESSES

- Penneys, D. S*. F. Almeda, **F. A. Michelangeli**, P. Fritsch. 2013. A survey of remarkable evolutionary trends in the Melastomataceae. *Botany 2013*. New Orleans, LA. July 2013. Abstract # 316.
- Sosa, K.*, R. Kriebel, **F. A. Michelangeli** & P. J. Guimaraes. 2013. Androecium Evolution in the Melastomeae (Melastomataceae). *Botany 2013*. New Orleans, LA. July 2013. Abstract # 648.

- Michelangeli, F.A.**, A. Nicolas, M. Reginato, R. Kriebel, G. Ocampo, F. Almeda, W. Judd & R. Goldenberg. 2013. Biogeography of the tribe Miconieae (Melastomataceae) reveals a complex pattern of dispersal and repetitive colonization of new environments. Botany 2013. New Orleans, LA. July 2013. Abstract # 694.
- Majure, L, W. Judd*, G. Ionta, J.. D. Skean Jr, E. R. Becquer, J. Burke, D. S. Penneys, G. Ocampo, M. Alvear, R. Goldenberg, F. Almeda & **F. A. Michelangeli**. 2013. Evaluating morphological evolution in tribe Miconieae (Melastomataceae): homoplasy is the rule not the exception. Botany 2013. New Orleans, LA. July 2013. Abstract # 300.
- Kriebel, R.* & **F. A. Michelangeli**. 2013. Phylogenetic study of *Conostegia* demonstrates the utility of anatomical and continuous characters in the systematics of the Melastomataceae. Botany 2013. New Orleans, LA. July 2013. Abstract # 584.
- Kriebel, R.* & **F. A. Michelangeli**. 2013. Syndromes within syndromes: floral diversification in buzz pollinated *Conostegia* (Melastomataceae, Miconieae). Botany 2013. New Orleans, LA. July 2013. Abstract # 607.
- Burke, J. M.* & **F. A. Michelangeli**. 2013. The ascent of divergent breeding systems: evolution of dioecy in *Miconia*. Botany 2013. New Orleans, LA. July 2013. Abstract # 180.
- Reginato, M.* & **F. A. Michelangeli**. 2013. The diversity and evolution of flower morphology in *Leandra s.str.* (Melastomataceae, Miconieae). Botany 2013. New Orleans, LA. July 2013. Abstract # 374.
- Michelangeli, F. A.**, N. Tiernan*, K. Watson & M. Tulig. 2013. The PBI Miconieae project website: towards complete web-based monograph of the tribe Miconieae (Melastomataceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 689.
- Ocampo, G.* , R. C. Ribeiro, D. T. de Oliveira, R. Goldenberg, **F. A. Michelangeli** & F. Almeda. 2013. Using seed morphology to evaluate taxonomic and phylogenetic hypotheses in the Miconieae (Melastomataceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 254.
- Aguirre-Santoro, J.* , **F. A. Michelangeli** & D. W. Stevenson. 2013. Systematics, Biogeography and Morphological Evolution of the Caribbean-endemic *Hohenbergia* subgenus *Wittmackiopsis* (Bromeliaceae). Botany 2013. New Orleans, LA. July 2013. Abstract # 444.
- Watson, K. A.* , N. M. Tiernan* , **F. A. Michelangeli** & M. Tulig. 2012. The PBI Miconieae project: A complete web-based monograph of the tribe Miconieae (Melastomataceae). The Society For The Preservation of Natural History Collections. Yale University, New Haven, CT. June 2012.
- Reginato, M* . & **F. A. Michelangeli**. 2012. Biogeography of *Leandra sensu stricto* (Melastomataceae): geographical range expansions, extinctions and the amphitropical pattern. Botany 2012. Columbus, OH. July 2012.
- Burke, J. M.* , A. Nicolas & **F. A. Michelangeli**. 2012. Escape from buzz-pollination: phylogeny and character evolution among Andean *Miconia* (Melastomataceae). Botany 2012. Columbus, OH. July 2012.
- Burke, J. M.* , & **F. A. Michelangeli**. 2012. *Miconia galeiformis* and *Miconia neei*; (Miconieae: Melastomataceae), two new species from Bolivia. Botany 2012. Columbus, OH. July 2012. [poster].
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, E. R. Bécquer-Granados, J. D. Skean Jr., D. S. Penneys, G. Ocampo, G. Ionta, M. K. Caddah, R. Kriebel, M. Reginato & A. Nicolas. 2011. A Phylogenetic Analysis of the Tribe Miconieae (Melastomataceae) Based on DNA Sequence Data from Nuclear and Plastid Loci. XVIII International Botanical Congress, Melbourne, Australia, July 2011. [e-poster].

- Caddah, M. K.*, R. Goldenberg, & **F. A. Michelangeli**. 2011. Taxonomic and phylogenetic studies on *Miconia* sect. *Glossocentrum* (Melastomataceae). Botany 2011. St. Louis, MO. July 2011.
- Kriebel, R.* & **F. A. Michelangeli**. 2011. Phylogeny of *Conostegia* (Melastomataceae) reveals multiple losses of herkogamy. Botany 2011. St. Louis, MO. July 2011.
- Michelangeli, F.A.** #, F. Almeda, R. Goldenberg, W. S. Judd, K. Watson, M. Tulig. 2010. El proyecto PBI Miconieae: avances para una monografía electrónica de la tribu Miconieae. X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010.
- Sandino T.I.*, X. Marquinez, **F. A. Michelangeli**, M. E. Morales. 2010. Diferencias en la estructura del ovario en ocho especies de Melastomataceae. X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010. [poster]
- Michelangeli, F.A.**, F. Almeda, R. Goldenberg, W. S. Judd, E. R. Becquer-Granados, D. Skean, D. S. Penneys, G. Ocampo, G. Ionta, M. K. Caddah, R. Kriebel, M. Reginato, A. Nicolas. 2010. Análisis filogenético de la tribu Miconieae (Melastomataceae). X Congreso Latinoamericano de Botánica. La Serena, Chile. October 4-10, 2010. [poster]
- Guimaraes, P. F., D. S. Penneys & **F. A. Michelangeli**. 2010. A phylogenetic analysis of Neotropical Melastomeae (Melastomataceae), with an emphasis on *Tibouchina*. Botany 2010. Providence, Rhode Island, July 2010.
- Ionta, G. M.*, W. S. Judd, A. Nicolas, & **F. A. Michelangeli**. 2010. Introduction to the Miconieae of the Greater Antilles: II. Clidemia sect. Sagraea. Botany 2010. Providence, Rhode Island, July 2010.
- Judd, W. S.*, G. M. Ionta, J. D. Skean Jr, E. R. Becquer-Granados, **F. A. Michelangeli**. 2010. Introduction to the Miconieae of the Greater Antilles: I. Major clades. Botany 2010. Providence, Rhode Island, July 2010.
- Penneys, D. S.*, F. Almeda & **F. A. Michelangeli**. 2010. Progress towards a comprehensive phylogenetic analysis and revised classification of the Melastomataceae. Botany 2010. Providence, Rhode Island, July 2010.
- Kriebel, R.* & **F. A. Michelangeli**. 2010. A survey of floral symmetry and herkogamy in the tribe Miconieae (Melastomataceae). Botany 2010. Providence, Rhode Island, July 2010.
- Mater, H. K.*, K. H. Huish & **F. A. Michelangeli**. 2009. Towards a Photographic Seed Atlas of the Tribe Miconieae (Melastomataceae). Botany 2009. Snowbird, Utah, July 2009 [poster].
- Michelangeli, F. A.**, F. Almeda, R. Goldenberg, W. S. Judd, & M. Tulig. 2009. The PBI Miconieae project: A complete web-based monograph of the tribe Miconieae (Melastomataceae). Botany 2009. Snowbird, Utah, July 2009.
- Almeda, F., M. Alvear*, D. S. Penneys, & **F. A. Michelangeli**. 2009. Colombia, a major center of diversity for neotropical Melastomataceae. Botany 2009. Snowbird, Utah, July 2009 [poster].
- Michelangeli, F. A.** #, M. E. Morales, H. David, A. Amorim & R. Goldenberg. 2008. Phylogenetic position of the tribe Cyphostyleae and the genus *Physeterostemon* within the Melastomaceae: Understanding fruit evolution and homologies. XXVII Meeting of the Willi Hennig Society. Tucumán, Argentina, October 2008.
- Goldenberg, R.*, D. S. Penneys, F. Almeda, W. S. Judd & **F.A. Michelangeli**. 2008. Phylogeny of *Miconia* (Melastomataceae): patterns of stamen diversification in a megadiverse Neotropical genus. XXVII Meeting of the Willi Hennig Society. Tucumán, Argentina, October 2008.

- Michelangeli, F. A.**, M. E. Morales, H. David, A. Amorim & R. Goldenberg. 2008. Fruit evolution and phylogenetic position of the tribe Cyphostyleae and the genus *Physeterostemon* within the Melastomaceae. Botany 2008. Vancouver, BC, July 2008.
- Varassin, I. G., D. S. Penneys & **F. A. Michelangeli**. 2007. Comparative anatomy and morphology of nectar-producing Melastomataceae. Botany 2007. Chicago, IL, July 2007.
- Michelangeli, F. A.** #, W. S. Judd, R. Goldenberg, D. S. Penneys, J. D. Skean Jr., C. V. Martin & E. R. Becquer. 2007. Análisis filogenético de la tribu Miconieae (Melastomataceae): ¿Caos polifilético o luz al final del túnel?. IV Congreso Colombiano de Botánica, April 2007, Medellín, Colombia.
- Martin, C. V., D. Little & **F. A. Michelangeli**. 2006. A preliminary phylogenetic analysis of the polyphyletic genus *Leandra* Raddi Miconieae, Melastomataceae. Botany 2006. Chico, CA, August 2006.
- Michelangeli F. A.** #, W. Judd, D. Penneys, J. D. Skean, E. R. Becquer, R. Goldenberg & C. V. Martin. 2006. La tribu Miconieae (Melastomataceae) en las Antillas: múltiples eventos de dispersión y radiación. IX Congreso Latinoamericano de Botánica. Santo Domingo, Republica Dominicana. 18-25 June 2006.
- Doria, G*, L. Kelly & **F. A. Michelangeli**. 2006. Dientes teoides en Ericales: ¿Una sinapomorfía para el orden? IX Congreso Latinoamericano de Botánica. Santo Domingo, Republica Dominicana. 18-25 June 2006 [poster].
- Michelangeli, F. A.** #, R. Goldenberg, W. Judd, D. S. Penneys, C. V. Martin, J. D. Skean Jr, & E. Becquer. 2005. Estudos Filogenéticos em Miconieae (Melastomataceae). 56 Congresso Nacional de Botânica. Curitiba, Brasil. October 2005.
- Martin, C. V.* & **F. A. Michelangeli**. 2005. A Preliminary Phylogenetic study of the polyphyletic genus *Leandra* (Miconieae: Melastomataceae), based on DNA sequence data. XVII International Botanical Congress. Vienna, Austria. July 2005. [poster].
- Michelangeli, F. A.** & D. Wm. Stevenson. 2004. Comparative morphology, anatomy and development of ant-domatia in Neotropical Melastomataceae. Botany 2004 August 2004, Snowbird, Utah.
- Penneys, D. S*, **F. A. Michelangeli**, W. Judd & J. D. Skean Jr. 2004. Henrietteae, a new tribe of Neotropical Melastomataceae. Botany 2004. August 2004, Snowbird, Utah.
- Michelangeli, F. A.** 2004. Evolution of myrmecophytism in Neotropical Melastomataceae: cues from phylogenetic, and anatomical data. Meeting of the Association for Tropical Biology and Conservation. July 2004. Miami, Florida.
- Almeda, F., R. Goldenberg, **F. A. Michelangeli**, D. S. Penneys & S. S. Renner*. 2003. Progress in *Miconia* (Melastomataceae): 1531 names, 1061 readily distinguishable entities. Systematics 2003. 4th Biennial Meeting of the Systematics Association. August 18-23, 2003. Dublin, Ireland.
- Petersen, G*, O. Seberg, J. I. Davis, D. Wm. Stevenson, L. M. Campbell, J. V. Freudenstein, D. H. Goldman, C. R. Hardy, **F. A. Michelangeli**, M. P. Simmons & C. D. Specht. 2003. Mitochondrial data in monocot phylogenies. Monocots III/Grasses IV. March 2003. Rancho Santa Ana, California.
- Michelangeli, F. A.** # 2002. Integrando moléculas y morfología; iluminación recíproca en el estudio de la tribu Miconieae (Melastomataceae). III Congreso Latinoamericano de Botánica. October 2002, Cartagena, Colombia.
- Michelangeli, F. A.** 2002. Phylogenetic relationships in the Miconieae: Evidence from morphological and ITS sequence data. August 2002, Madison, Wisconsin.

- Michelangeli, F. A.**, J. I. Davis and D. Wm. Stevenson. 2002. Phylogenetic studies in the Poales: A combined analysis of morphological, sequence and chloroplast structure data. August 2002, Madison, Wisconsin.
- Michelangeli, F. A.** 2001. Fruit dispersal and character evolution in the Neotropical genus *Tococa* (Melastomataceae). Botany 2001, Botanical Society of America. August 2001, Albuquerque New Mexico (Abstracts).
- Davis, J. I*., D. Wm. Stevenson, L. Campbell, D. Goldman, C. Hardy, **F. Michelangeli**, M. Simmons, and C. Specht 2001. Phylogenetic relationships among the monocots, as inferred from morphology and nucleotide sequence variation in three genes. Botany 2001, Botanical Society of America. August 2001, Albuquerque New Mexico (Abstracts).
- Michelangeli, F. A.** 2000. Ant-protection against herbivory and evolution of myrmecophytism in the genus *Tococa* (Melastomataceae). Botany 2000, Botanical Society of America. August 2000, Portland, Oregon (Abstracts).
- Michelangeli, F. A.** 1999. A morphological cladistic analysis of *Tococa* Aublet (Melastomataceae). XVI International Botanical Congress. 1-7 August 1999. Saint Louis, Missouri. [poster].
- Michelangeli F.A.** 1997. Systematics of the genus *Tococa*, Aublet (Melastomataceae). American Journal of Botany, 84 (6, supplement):217. (Abstract).
- Garcia, E.A.* , **F.A. Michelangeli**, F. Michelangeli and E. Rodríguez. 1996. Ant-Plant Interactions in the understory Melastomataceae of two Neo-Tropical rain forests. XXIII Annual SACNAS Conference. Los Angeles. October 1996.
- Michelangeli F.A.** 1994. Some Ecological aspects of the Lithobiomes of the Roraima Tepui. 15th International Congress of Soil Science. Symposium on Soils and Biodiversity. Acapulco, México. Julio 1994.
- Michelangeli F.A.** 1993. Caracterización de Islas de Vegetación Sobre Roca en el Cerro Roraima, Edo. Bolivar II: Relaciones Especies-Area. XLIII Convención Anual de Asovac. 14 al 19 de Noviembre de 1993. U.L.A. Mérida.
- Michelangeli F.A.** 1993. Caracterización de Islas de Vegetación Sobre Roca en el Cerro Roraima, Edo. Bolivar I: Características Generales y Composición Florística. XLIII Convención Anual de Asovac. 14 al 19 de Noviembre de 1993. U.L.A. Mérida.
- Michelangeli F.A.**, and Z. Fernandez. 1992. Relación entre la Vegetación y Comunidades de Coleopteros de la Gran Sabana. XLII Convención Anual de Asovac. 15 al 20 de Noviembre de 1992, Facultad de Medicina, U.C.V. Caracas.
- Herrera, A.M., **F. Michelangeli**, J. Nassar, J.P. Rodriguez* and D. Torres. 1992. The Spectacled Bear of the Sierra Nevada National Park, Venezuela. *in*: Ninth International Bear Conference, Missoula, Montana. March 1992.

invited symposium or round table.

* presented by the indicated co-author.

STUDENT AND POSTDOCTORAL ADVISING

Currently Doctoral Dissertation advisor for Ricardo Kriebel (CUNY), Marcelo Reginato (CUNY), Julián Aguirre (CUNY).

Currently Co-advisor for Julia Meirelles (Universidade Estadual de Campinas).

Currently Doctoral Committee member for Fernando Matos (CUNY).

Co-advisor for Claire Martin, Ph. D. 2006. “Systematics and Taxonomy of *Leandra* (Melastomataceae), and revision of *Leandra* section *Tschudya*”, Musee Nationale Histoire Naturelle, Paris & Kade Fellow at The New York Botanical Garden.

Co-advisor for Miriam Kaehler, Ph. D. 2011. “Revision, phylogeny, evolution and biogeography of *Lundia* DC. (Bignoniaceae, Bignoniaceae)”, Universidade de São Paulo & The New York Botanical Garden.

Co-advisor for Támara Sandino, Ms Sc. 2011. Anatomía y morfología comparada del desarrollo del ovario y fruto en la tribu Cyphostyleae (Melastomataceae), y su interpretación en un contexto filogenético. Universidad Nacional de Colombia, Bogotá.

Co-advisor for Mayara K. Caddah. Ph. D. 2013. Estudos taxonómicos e filogenéticos em *Miconia* sect. *Discolor* (Melastomataceae, Miconieae). Universidade Estadual de Campinas. Sao Paulo, Brazil.

Doctoral Committee member for Donald MacClelland (2012, CUNY), Adriana Sanchez (2010, Wake Forest University), Alejandra Vasco (2009, CUNY), Ratnakar Vallabhaneni (2009, CUNY), Michael Sundue (2008, CUNY), Todd Osmudsson (2008, Columbia University), Paola Pedraza (2007, CUNY).

External reviewer for the following doctoral dissertations: Maria Eugenia Morales Ph. D. Thesis. “Análisis filogenético de *Huillaea* Wurdack (Melastomataceae) basado en datos morfológicos y moleculares”. Universidad Nacional de Colombia, Bogotá, Colombia. August 2010; Eldis Becquer-Granados Ph. D. Thesis. “Taxonomía y filogenia del genero *Pachyanthus* (Melastomataceae; Miconieae)”. Universidad de la Habana, Cuba, May 2008; Leif Schulman Ph. D. Thesis “Taxonomy, Chorology, Speciation and Conservation in a Heterogeneous Amazonia: Case-studies in the Flowering-Plant Family Melastomataceae”. Turku University, Turku, Finland. August 2003.

Postdoctoral advisor for Janelle Burke (September 2011-August 2013), Antoine Nicolas (July 2009-August 2011), Paulo Guimaraes (December 2009-December 2010), Renato Goldenberg (August 2006-February 2007), Isabela Varasin (August 2006-February 2007).

PROFESSIONAL SOCIETIES (Current)

American Society for Plant Taxonomy (member of the nominations committee, 2010-2012, member of the financial committee 2012-2015)

Association for Tropical Biology and Conservation

Botanical Society of America (Chair of the Tropical Biology Section, 2007-2010)

International Association for Plant Taxonomy